

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name URBAN #3 Test No. 1 Date 7/31/92  
Company AFG ENERGY, INC. Zone LANSING "A&B"  
Address P.O. BOX 606 RUSSELL KANSAS 67665-0605 Elevation 1995 K.B.  
Co. Rep./Geo. STEVE PARKER Cont. EMPHASIS RIG #5 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 10 Twp. 16S Rge. 17W Co. RUSH State KS

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| Interval Tested <u>3264-3318</u> | Drill Pipe Size <u>4.5 XH</u>           |
| Anchor Length <u>54</u>          | Wt. Pipe I.D. - 2.7 Ft. Run <u>620</u>  |
| Top Packer Depth <u>3259</u>     | Drill Collar - 2.25 Ft. Run _____       |
| Bottom Packer Depth <u>3264</u>  | Mud Wt. <u>9.2</u> lb/Gal.              |
| Total Depth <u>3318</u>          | Viscosity <u>45</u> Filtrate <u>9.6</u> |

Tool Open @ 1:15 PM Initial Blow STRONG 12" BLOW IN 13 MINUTES  
NO BLOW BACK ON SHUT IN  
Final Blow STRONG 12" BLOW IN 18 MINUTES  
NO BLOW BACK ON SHUT IN

Recovery - Total Feet 310 Flush Tool? NO

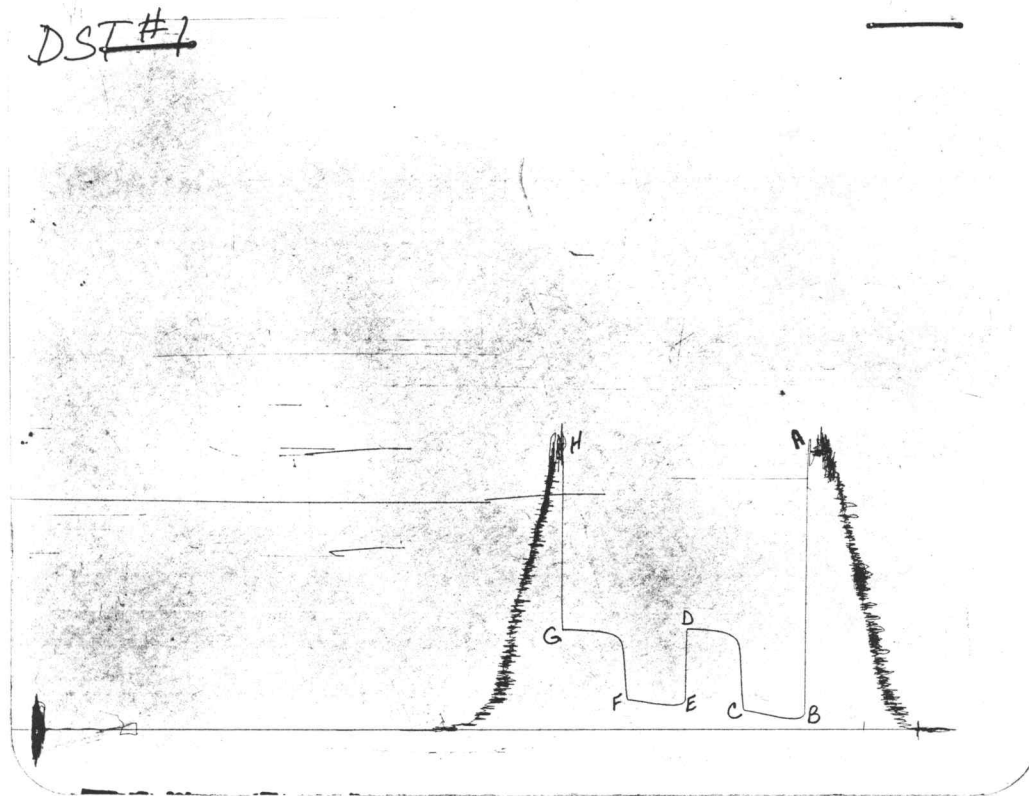
|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Rec. <u>124</u> | Feet of <u>GAS IN PIPE</u>                               |
| Rec. <u>124</u> | Feet of <u>GAS &amp; OIL CUT MUD-5%GAS/15%OIL/80%MUD</u> |
| Rec. <u>186</u> | Feet of <u>MUDDY WATER</u>                               |
| Rec. _____      | Feet of _____                                            |
| Rec. _____      | Feet of _____                                            |

BHT 109 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW 0.15 @ 83 °F Chlorides 40000 ppm Recovery Chlorides 6000 ppm System

|                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|
| (A) Initial Hydrostatic Mud <u>1612.3</u> PSI     | AK1 Recorder No. <u>13851</u> Range <u>4425</u>   |
| (B) First Initial Flow Pressure <u>55.4</u> PSI   | @ (depth) <u>3301</u> w / Clock No. <u>21691</u>  |
| (C) First Final Flow Pressure <u>105.7</u> PSI    | AK1 Recorder No. <u>13850</u> Range <u>4325</u>   |
| (D) Initial Shut-in Pressure <u>564.2</u> PSI     | @ (depth) <u>3315</u> w / Clock No. <u>17652</u>  |
| (E) Second Initial Flow Pressure <u>141.2</u> PSI | AK1 Recorder No. _____ Range _____                |
| (F) Second Final Flow Pressure <u>174.5</u> PSI   | @ (depth) _____ w / Clock No. _____               |
| (G) Final Shut-in Pressure <u>564.2</u> PSI       | Initial Opening <u>45</u> Final Flow <u>45</u>    |
| (H) Final Hydrostatic Mud <u>1550.7</u> PSI       | Initial Shut-in <u>45</u> Final Shut-in <u>45</u> |

Our Representative STEVE BOWMAN

# CHART PAGE



This is an actual photograph of recorder chart

|                                  | FIELD<br>READING | OFFICE<br>READING |
|----------------------------------|------------------|-------------------|
| (A) INITIAL HYDROSTATIC MUD      | 1606             | 1612.3            |
| (B) FIRST INITIAL FLOW PRESSURE  | 53               | 55.4              |
| (C) FIRST FINAL FLOW PRESSURE    | 106              | 105.7             |
| (D) INITIAL CLOSED-IN PRESSURE   | 565              | 564.2             |
| (E) SECOND INITIAL FLOW PRESSURE | 138              | 141.2             |
| (F) SECOND FINAL FLOW PRESSURE   | 170              | 174.5             |
| (G) FINAL CLOSED-IN PRESSURE     | 565              | 564.2             |
| (H) FINAL HYDROSTATIC MUD        | 1551             | 1550.7            |

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No 5055

|                                               |                              |                                                                                                                                  |
|-----------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Well Name & No. <u>Urban #3</u>               | Test No. <u>#1</u>           | Date <u>7-31-92</u>                                                                                                              |
| Company <u>AFFG Energy INC Emphasis</u>       | Zone Tested <u>Lans A+B</u>  |                                                                                                                                  |
| Address <u>P.O. Box 605 Russell, KS 67665</u> | Elevation <u>1995 KB</u>     |                                                                                                                                  |
| Co. Rep./Geo. <u>Steve Parker</u>             | Cont. <u>Emphasis Rig #5</u> | Est. Ft. of Pay _____                                                                                                            |
| Location: Sec. <u>10</u>                      | Twp. <u>16S</u>              | Rge. <u>17W</u> Co. <u>Rush</u> State <u>KS</u>                                                                                  |
| No. of Copies _____                           | Distribution Sheet _____     | Yes _____ No _____ Turnkey <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No _____ Evaluation _____ |

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| Interval Tested <u>3264 to 3318</u> | Drill Pipe Size <u>4 1/2 x 4</u>                    |
| Anchor Length <u>54'</u>            | Top Choke — 1" _____ Bottom Choke — 3/4" _____      |
| Top Packer Depth <u>3259</u>        | Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____ |
| Bottom Packer Depth <u>3264</u>     | Wt. Pipe I.D. — 2.7 Ft. Run <u>620</u>              |
| Total Depth <u>3318</u>             | Drill Collar — 2.25 Ft. Run _____                   |
| Mud Wt. <u>9.2</u> lb/gal.          | Viscosity <u>45</u> Filtrate <u>9.6</u>             |

Tool Open @ 1:15 P.M. Initial Blow Strong 12 inch Blow in 13 min  
NO Blow Back on Shut-in

Final Blow Strong 12 inch Blow in 18 min  
NO Blow Back on Shut-in

Recovery — Total Feet 310 Feet of Gas in Pipe 124 Flush Tool? NO

|                 |                                   |               |                |                  |                |
|-----------------|-----------------------------------|---------------|----------------|------------------|----------------|
| Rec. <u>124</u> | Feet Of <u>Gas to oil cut mud</u> | <u>5</u> %gas | <u>15</u> %oil | %water           | <u>80</u> %mud |
| Rec. <u>186</u> | Feet Of <u>muddy water</u>        | %gas          | %oil           | <u>20</u> %water | <u>80</u> %mud |
| Rec. _____      | Feet Of _____                     | %gas          | %oil           | %water           | %mud           |
| Rec. _____      | Feet Of _____                     | %gas          | %oil           | %water           | %mud           |
| Rec. _____      | Feet Of _____                     | %gas          | %oil           | %water           | %mud           |

BHT 109 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW 115 @ 83 °F Chlorides 40,000 ppm Recovery Chlorides 6,000 ppm System

|                                             |                                   |                                          |
|---------------------------------------------|-----------------------------------|------------------------------------------|
| (A) Initial Hydrostatic Mud <u>1606</u>     | PSI AK1 Recorder No. <u>13851</u> | Range <u>4425</u>                        |
| (B) First Initial Flow Pressure <u>53</u>   | PSI @ (depth) <u>3301</u>         | w/Clock No. <u>26191</u>                 |
| (C) First Final Flow Pressure <u>106</u>    | PSI AK1 Recorder No. <u>13850</u> | Range <u>4325</u>                        |
| (D) Initial Shut-In Pressure <u>565</u>     | PSI @ (depth) <u>3315</u>         | w/Clock No. <u>17652</u>                 |
| (E) Second Initial Flow Pressure <u>138</u> | PSI AK1 Recorder No. _____        | Range _____                              |
| (F) Second Final Flow Pressure <u>170</u>   | PSI @ (depth) _____               | w/Clock No. _____                        |
| (G) Final Shut-In Pressure <u>565</u>       | PSI Initial Opening <u>45</u>     | Test <input checked="" type="checkbox"/> |
| (H) Final Hydrostatic Mud <u>1551</u>       | PSI Initial Shut-In <u>45</u>     | Jars _____                               |

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOSE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

|                         |                    |
|-------------------------|--------------------|
| Final Flow <u>45</u>    | Safety Joint _____ |
| Final Shut-In <u>45</u> | Straddle _____     |
|                         | Circ. Sub _____    |
|                         | Sampler _____      |
|                         | Extra Packer _____ |
|                         | Other _____        |

Approved By [Signature]  
 Our Representative Steve Bowman Thank you

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name URBAN #3 Test No. 2 Date 8/1/92  
Company AFG ENERGY, INC. Zone LANSING "D&F"  
Address P.O. BOX 606 RUSSELL KANSAS 67665-0605 Elevation 1995 K.B.  
Co. Rep./Geo. STEVE PARKER Cont. EMPHASIS RIG #5 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 10 Twp. 16S Rge. 17W Co. RUSH State KS

Interval Tested 3320-3370  
Anchor Length 50  
Top Packer Depth 3315  
Bottom Packer Depth 3320  
Total Depth 3370

Drill Pipe Size 4.5 XH  
Wt. Pipe I.D. - 2.7 Ft. Run 620  
Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
Mud Wt. 8.9 lb/Gal.  
Viscosity 44 Filtrate 9.4

Tool Open @ 4:15 AM Initial Blow WEAK 8" BLOW-NO BLOW BACK ON SHUT IN

Final Blow WEAK 7" BLOW  
NO BLOW BACK ON SHUT IN

Recovery - Total Feet 62 Flush Tool? NO

Rec. 124 Feet of GAS IN PIPE  
Rec. 62 Feet of GAS & OIL CUT MUD-10%GAS/25%OIL/65%MUD  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT N/A °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud 1620.9 PSI AK1 Recorder No. 13851 Range 4425

(B) First Initial Flow Pressure 55.4 PSI @ (depth) 3358 w / Clock No. 21691

(C) First Final Flow Pressure 55.4 PSI AK1 Recorder No. 13850 Range 4325

(D) Initial Shut-in Pressure 610.2 PSI @ (depth) 3367 w / Clock No. 17652

(E) Second Initial Flow Pressure 67.8 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 67.8 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

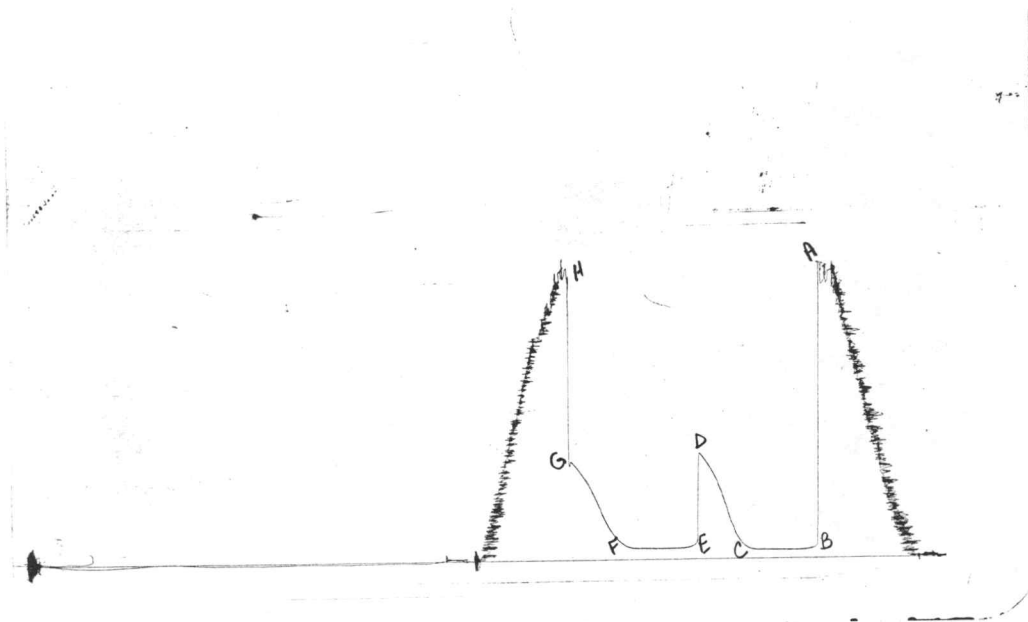
(G) Final Shut-in Pressure 556.9 PSI Initial Opening 45 Final Flow 45

(H) Final Hydrostatic Mud 1598.7 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative STEVE BOWMAN

# CHART PAGE

DST #2



This is an actual photograph of recorder chart

|                                  | FIELD<br>READING | OFFICE<br>READING |
|----------------------------------|------------------|-------------------|
| (A) INITIAL HYDROSTATIC MUD      | 1616             | 1620.9            |
| (B) FIRST INITIAL FLOW PRESSURE  | 53               | 55.4              |
| (C) FIRST FINAL FLOW PRESSURE    | 53               | 55.4              |
| (D) INITIAL CLOSED-IN PRESSURE   | 608              | 610.2             |
| (E) SECOND INITIAL FLOW PRESSURE | 64               | 67.8              |
| (F) SECOND FINAL FLOW PRESSURE   | 64               | 67.8              |
| (G) FINAL CLOSED-IN PRESSURE     | 555              | 556.9             |
| (H) FINAL HYDROSTATIC MUD        | 1595             | 1598.7            |

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

№ 5056

|                                                          |                              |                                                                                                                                                                                           |
|----------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Well Name & No. <u>Urban #3</u>                          | Test No. <u>#2</u>           | Date <u>8-1-92</u>                                                                                                                                                                        |
| Company <u>Emphasis Oil Operations</u>                   | Zone Tested <u>Lans D-F</u>  |                                                                                                                                                                                           |
| Address _____                                            | Elevation <u>1995 KB</u>     |                                                                                                                                                                                           |
| Co. Rep. / Geo. <u>Steve Parker</u>                      | Cont. <u>Emphasis Rig #5</u> | Est. Ft. of Pay _____                                                                                                                                                                     |
| Location: Sec. <u>10</u> Twp. <u>16S</u> Rge. <u>17W</u> | Co. <u>Rush</u>              | State <u>KS</u>                                                                                                                                                                           |
| No. of Copies _____                                      | Distribution Sheet _____     | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Turnkey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Evaluation _____ |

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| Interval Tested <u>3320 to 3370</u> | Drill Pipe Size <u>4 1/2 x 4</u>                    |
| Anchor Length <u>50'</u>            | Top Choke — 1" _____ Bottom Choke — 3/4" _____      |
| Top Packer Depth <u>3315</u>        | Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____ |
| Bottom Packer Depth <u>3320</u>     | Wt. Pipe I.D. — 2.7 Ft. Run <u>620</u>              |
| Total Depth <u>3370</u>             | Drill Collar — 2.25 Ft. Run _____                   |
| Mud Wt. <u>8.9</u> lb / gal.        | Viscosity <u>44</u> Filtrate <u>9.4</u>             |
| Tool Open @ <u>4:15 A.M.</u>        | Initial Blow <u>Weak 8 inch Blow</u>                |
| <u>No Blow Back on Shut-in</u>      |                                                     |

|                                    |
|------------------------------------|
| Final Blow <u>Weak 7 inch Blow</u> |
| <u>No Blow Back on Shut-in</u>     |

|                                              |                                 |                           |
|----------------------------------------------|---------------------------------|---------------------------|
| Recovery — Total Feet <u>62</u>              | Feet of Gas in Pipe <u>124</u>  | Flush Tool? <u>NO</u>     |
| Rec. <u>62</u> Feet Of <u>Gas to cut mud</u> | <u>10</u> % gas <u>25</u> % Oil | % water <u>65</u> % mud   |
| Rec. _____ Feet Of _____                     | % gas _____ % Oil _____         | % water _____ % mud _____ |
| Rec. _____ Feet Of _____                     | % gas _____ % Oil _____         | % water _____ % mud _____ |
| Rec. _____ Feet Of _____                     | % gas _____ % Oil _____         | % water _____ % mud _____ |
| Rec. _____ Feet Of _____                     | % gas _____ % Oil _____         | % water _____ % mud _____ |

|              |                               |                              |
|--------------|-------------------------------|------------------------------|
| BHT _____ °F | Gravity _____ °API @ _____ °F | Corrected Gravity _____ °API |
|--------------|-------------------------------|------------------------------|

|                     |                     |                                    |              |
|---------------------|---------------------|------------------------------------|--------------|
| RW _____ @ _____ °F | Chlorides _____ ppm | Recovery _____ Chlorides _____ ppm | System _____ |
|---------------------|---------------------|------------------------------------|--------------|

|                                            |     |                               |                                          |
|--------------------------------------------|-----|-------------------------------|------------------------------------------|
| (A) Initial Hydrostatic Mud <u>1616</u>    | PSI | AK1 Recorder No. <u>13851</u> | Range <u>4425</u>                        |
| (B) First Initial Flow Pressure <u>53</u>  | PSI | @ (depth) <u>3358</u>         | w/Clock No. <u>26191</u>                 |
| (C) First Final Flow Pressure <u>53</u>    | PSI | AK1 Recorder No. <u>13850</u> | Range <u>4325</u>                        |
| (D) Initial Shut-In Pressure <u>608</u>    | PSI | @ (depth) <u>3367</u>         | w/Clock No. <u>17652</u>                 |
| (E) Second Initial Flow Pressure <u>64</u> | PSI | AK1 Recorder No. _____        | Range _____                              |
| (F) Second Final Flow Pressure <u>64</u>   | PSI | @ (depth) _____               | w/Clock No. _____                        |
| (G) Final Shut-In Pressure <u>555</u>      | PSI | Initial Opening <u>45</u>     | Test <input checked="" type="checkbox"/> |
| (H) Final Hydrostatic Mud <u>1595</u>      | PSI | Initial Shut-In <u>45</u>     | Jars _____                               |

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|                         |                    |
|-------------------------|--------------------|
| Final Flow <u>45</u>    | Safety Joint _____ |
| Final Shut-In <u>45</u> | Straddle _____     |

|                 |
|-----------------|
| Circ. Sub _____ |
| Sampler _____   |

Approved By [Signature]

Our Representative Steve Bowman Thank you

Extra Packer \_\_\_\_\_

Other \_\_\_\_\_

TOTAL PRICE \$ ✓

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name URBAN #3 Test No. 3 Date 8/1/92  
Company AFG ENERGY, INC. Zone LANSING "H-I"  
Address P.O. BOX 606 RUSSELL KANSAS 67665-0605 Elevation 1995 K.B.  
Co. Rep./Geo. STEVE PARKER Cont. EMPHASIS RIG #5 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 10 Twp. 16S Rge. 17W Co. RUSH State KS

Interval Tested 3403-3468  
Anchor Length 65  
Top Packer Depth 3398  
Bottom Packer Depth 3403  
Total Depth 3468

Drill Pipe Size 4.5 XH  
Wt. Pipe I.D. - 2.7 Ft. Run 620  
Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
Mud Wt. 9.3 lb/Gal.  
Viscosity 43 Filtrate 9.6

Tool Open @ 8:50 PM Initial Blow VERY STRONG 12" BLOW IN 2 MINUTES  
2" BLOW BACK ON SHUT IN

Final Blow VERY STRONG 12" BLOW IN 5 MINUTES  
12" BLOW BACK ON SHUT IN

Recovery - Total Feet 1116 Flush Tool? NO

|                 |         |                                                               |
|-----------------|---------|---------------------------------------------------------------|
| Rec. <u>620</u> | Feet of | <u>GAS IN PIPE</u>                                            |
| Rec. <u>248</u> | Feet of | <u>MUD CUT GASSY OIL-40%GAS/50%OIL/10%MUD</u>                 |
| Rec. <u>248</u> | Feet of | <u>GAS &amp; OIL CUT MUDDY WTR-20%GAS/5%OIL/55%WTR/20%MUD</u> |
| Rec. <u>620</u> | Feet of | <u>GAS &amp; MUD CUT WATER-10%GAS/60%WTR/30%MUD</u>           |
| Rec. _____      | Feet of | _____                                                         |

BHT 111 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW 0.2 @ 74 °F Chlorides 70000 ppm Recovery Chlorides 7000 ppm System

(A) Initial Hydrostatic Mud 1741.2 PSI AK1 Recorder No. 13851 Range 4425

(B) First Initial Flow Pressure 165.2 PSI @ (depth) 3439 w / Clock No. 21691

(C) First Final Flow Pressure 388.9 PSI AK1 Recorder No. 13850 Range 4325

(D) Initial Shut-in Pressure 610.2 PSI @ (depth) 3465 w / Clock No. 17652

(E) Second Initial Flow Pressure 450.3 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 544.7 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

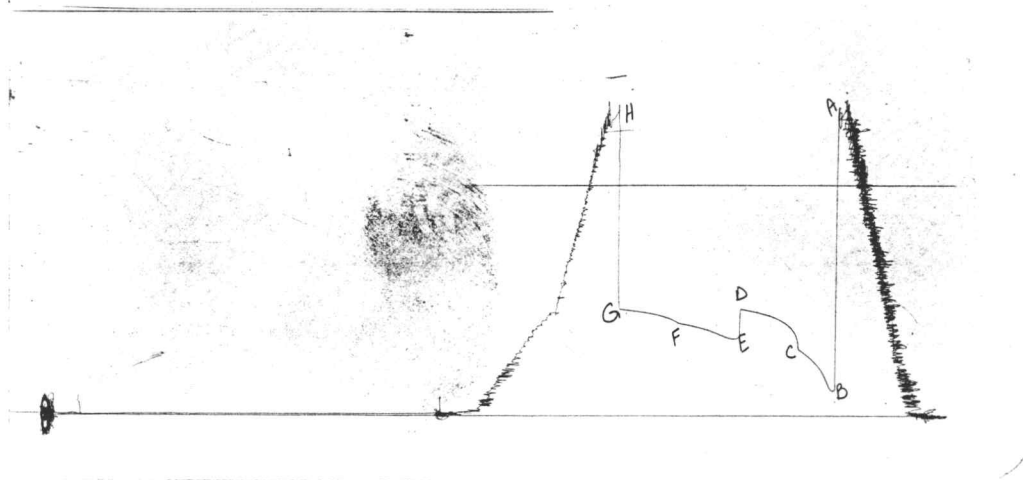
(G) Final Shut-in Pressure 610.2 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1710.4 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative STEVE BOWMAN

# CHART PAGE

DST #3



This is an actual photograph of recorder chart

|                                  | FIELD<br>READING | OFFICE<br>READING |
|----------------------------------|------------------|-------------------|
| (A) INITIAL HYDROSTATIC MUD      | 1735             | 1741.2            |
| (B) FIRST INITIAL FLOW PRESSURE  | 160              | 165.2             |
| (C) FIRST FINAL FLOW PRESSURE    | 384              | 388.9             |
| (D) INITIAL CLOSED-IN PRESSURE   | 608              | 610.2             |
| (E) SECOND INITIAL FLOW PRESSURE | 448              | 450.3             |
| (F) SECOND FINAL FLOW PRESSURE   | 534              | 544.7             |
| (G) FINAL CLOSED-IN PRESSURE     | 608              | 610.2             |
| (H) FINAL HYDROSTATIC MUD        | 1703             | 1710.4            |



# CALCULATED RECOVERY ANALYSIS

DST #

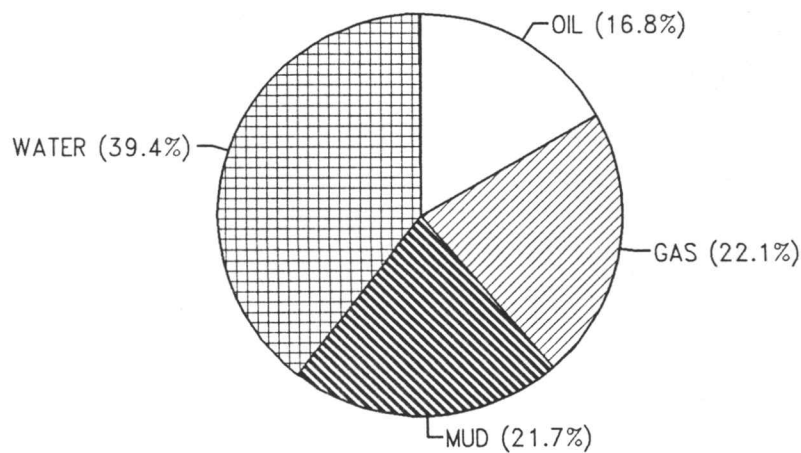
3

TICKET #

5057

| SAMPLE   | TOTAL | GAS |       | OIL |       | WATER |       | MUD |       |
|----------|-------|-----|-------|-----|-------|-------|-------|-----|-------|
| #        | FEET  | %   | FEET  | %   | FEET  | %     | FEET  | %   | FEET  |
| DRILL 1  | 248   | 40  | 99.2  | 50  | 124   | 0     | 0     | 10  | 24.8  |
| PIPE 2   | 248   | 20  | 49.6  | 5   | 12.4  | 55    | 136.4 | 20  | 49.6  |
| 3        |       |     | 0     |     | 0     | 60    | 0     | 30  | 0     |
| 4        |       |     | 0     |     | 0     |       | 0     |     | 0     |
| 5        |       |     | 0     |     | 0     |       | 0     |     | 0     |
| 6        |       |     | 0     |     | 0     |       | 0     |     | 0     |
| WEIGHT 1 | 620   | 10  | 62    | 0   | 0     | 60    | 372   | 30  | 186   |
| PIPE 2   |       |     | 0     |     | 0     |       | 0     |     | 0     |
| 3        |       |     | 0     |     | 0     |       | 0     |     | 0     |
| 4        |       |     | 0     |     | 0     |       | 0     |     | 0     |
| DRILL 1  |       |     | 0     |     | 0     |       | 0     |     | 0     |
| COLLAR 2 |       |     | 0     |     | 0     |       | 0     |     | 0     |
| 3        |       |     | 0     |     | 0     |       | 0     |     | 0     |
| 4        |       |     | 0     |     | 0     |       | 0     |     | 0     |
| 5        |       |     | 0     |     | 0     |       | 0     |     | 0     |
| TOTAL    | 1116  |     | 210.8 |     | 136.4 |       | 508.4 |     | 260.4 |

|            |          |   |          |           |
|------------|----------|---|----------|-----------|
|            |          |   | HRS OPEN | BBL/DAY   |
| BBL OIL=   | 1.939608 | * | 1.25     | 37.240474 |
| BBL WATER= | 4.543608 | * |          | 87.237274 |
| BBL MUD=   | 2.508768 |   |          |           |
| BBL GAS =  | 2.549936 |   |          |           |



# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No 5057

Vell Name & No. Urban #3 Test No. #3 Date 8-1-92  
 Company Emphasis Oil Operations Zone Tested Lans H-I-J  
 Address \_\_\_\_\_ Elevation 1995 KB  
 O. Rep./Geo. Steve Parker Cont. Emphasis Rig #5 Est. Ft. of Pay \_\_\_\_\_  
 Location: Sec. 10 Twp. 16S Rge. 17W Co. Rush State KS  
 No. of Copies \_\_\_\_\_ Distribution Sheet \_\_\_\_\_ Yes ☒ No ☐ Turnkey ☒ Yes ☐ No ☐ Evaluation \_\_\_\_\_

Interval Tested 3403 to 3468 Drill Pipe Size 4 1/2 x H  
 Anchor Length 65' Top Choke — 1" \_\_\_\_\_ Bottom Choke — 3/4" \_\_\_\_\_  
 Top Packer Depth 3398 Hole Size — 7 7/8" \_\_\_\_\_ Rubber Size — 6 3/4" \_\_\_\_\_  
 Bottom Packer Depth 3403 Wt. Pipe I.D. — 2.7 Ft. Run 620  
 Total Depth 3468 Drill Collar — 2.25 Ft. Run —  
 Mud Wt. 9.3 lb/gal. Viscosity 43 Filtrate 9.6  
 Sol Open @ 8:50 P.M. Initial Blow Very Strong 12 inch Blow in 2 min  
2 inch Blow Back on Shut-in  
 Final Blow Very Strong 12 inch Blow in 5 min  
12 inch Blow Back on Shut-in

Recovery — Total Feet 1116 Feet of Gas in Pipe 620 Flush Tool? no  
 1st 248 Feet Of mud cut Gassy oil 40% gas 50% oil %water 10 %mud  
 2nd 248 Feet Of Gas to oil cut muddy water 20% gas 5 %oil 55% water 20 %mud  
 3rd 620 Feet Of Gas + mud cut water 10% gas %oil 60 %water 30 %mud  
 4th \_\_\_\_\_ Feet Of \_\_\_\_\_ %gas %oil %water %mud  
 5th \_\_\_\_\_ Feet Of \_\_\_\_\_ %gas %oil %water %mud

HT 111 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 N .2 @ 74 °F Chlorides 20,000 ppm Recovery Chlorides 7000 ppm System  
 Initial Hydrostatic Mud 1735 PSI AK1 Recorder No. 13851 Range 4425  
 First Initial Flow Pressure 160 PSI @ (depth) 3439 w/Clock No. 26191  
 First Final Flow Pressure 384 PSI AK1 Recorder No. 13850 Range 4325  
 Initial Shut-In Pressure 608 PSI @ (depth) 3465 w/Clock No. 17652  
 Second Initial Flow Pressure 448 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_  
 Second Final Flow Pressure 534 PSI @ (depth) \_\_\_\_\_ w/Clock No. \_\_\_\_\_  
 Final Shut-In Pressure 608 PSI Initial Opening 30 Test ☒ 550.00  
 Final Hydrostatic Mud 1703 PSI Initial Shut-In 45 Jars \_\_\_\_\_

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Final Flow 45 Safety Joint \_\_\_\_\_  
 Final Shut-In 45 Straddle \_\_\_\_\_  
 Circ. Sub \_\_\_\_\_  
 Sampler \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Other \_\_\_\_\_

Approved By [Signature]  
 Our Representative Steve Bowman Thank you